



Activity Summary Report

MISLE Activity ID: 6331669
 Activity Type: Vessel Inspection
 Title/Description: New Construction
 Status: Open - Submitted for Review
 Point Of Contact:
 Owning Unit: Marine Safety Unit Morgan City
 Originating Unit: Marine Safety Unit Morgan City
 Start Date/Time: 19SEP2017 20:59Z
 Prompt Date:
 Team Lead: [REDACTED]

Vessel Information:

Vessel Name:	Call Sign:	Flag:
RTA 1	WDK3088	UNITED STATES
Classification:	Primary VIN:	Length:
Passenger Ship - General - General (More Than 6, Gross Tonnage < 100)	1286684	104.7
ITC/Convention (Subpart B):	Regulatory (Subpart C or D):	Year Completed:
166	95	2018
Engine Compartment In An Open Space:	Fuel Compartment In An Open Space:	Vessel Constructed Of All Open Spaces:
No	No	No
Propulsion System Type:		
Diesel		

Vessel Associated Parties:

Name:	Type:	Role:
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT	Organization	Managing Owner
Address:		
ATTN: [REDACTED] DOTD HQ ANNEX BLDG 2ND FL ROOM N-223 1212 EAST HIGHWAY DR BATON ROUGE, LOUISIANA 70802		
Name:	Type:	Role:
TRANSDEV	Organization	Operator (managing)
Address:		
7320 Patterson Dr. NEW ORLEANS, LOUISIANA 70131		

Inspection Results:

System:	Inspection Results:	Date:
02 - Structural Conditions	Inspected Satisfactory	19SEP2017
03 - Water/Weathertight Conditions	Inspected Satisfactory	19SEP2017
04 - Emergency Systems	Inspected Satisfactory	19SEP2017
05 - Radio Communications	Inspected Satisfactory	19SEP2017
07 - Fire Safety	Inspected Satisfactory	19SEP2017
08 - Alarms	Inspected Satisfactory	19SEP2017
09 - Working and Living Conditions	Inspected Satisfactory	19SEP2017
10 - Safety of Navigation	Inspected Satisfactory	19SEP2017
11 - Life Saving Appliances	Partially Inspected - 75%	19SEP2017

13 - Propulsion and Auxiliary Machinery
Operations/Management

Inspected Satisfactory
Inspected With Deficiencies Noted

19SEP2017
19SEP2017

Deficiencies:

Item Number:	Due Date:	Extended Due Date:	<input type="checkbox"/> Not Available For Inspection
1	16JUL2018		<input type="checkbox"/> Security Violation
Issued Date:	Resolved Date:		<input type="checkbox"/> Worklist Item/Do Not Show In PSIX
19SEP2017			<input type="checkbox"/> SMS Related/Objective Evidence For MSO
System:	Subsystem:	Component:	<input type="checkbox"/> Self Reported
Operations/Management	Drills/Instruction	Not Conducted	<input type="checkbox"/> Reported Via PR17
Action:	Action Code:	ACS/RO/TPO Finding Number:	<input type="checkbox"/> Refer To ACS/RO/TPO
50 - Rectify deficiencies w/in 30 days	c - To the satisfaction of the Coast Guard		<input type="checkbox"/> ACS/RO/TPO Associated
			<input type="checkbox"/> Accepted As Condition Of ACS/TPO

Description:

Vessel is required to complete new to zone inspection once arriving in New Orleans, LA.

Resolution:

Narrative:

19SEP2017: Received request from [REDACTED] of Metal Shark Shipyard for special consideration on the new construction projects RTA 01 & 02 to be exempt from the requirement of having to carry a rescue boat IAW 46 CFR 180.210, paragraphs (a) 1-3. Contacted LCDR [REDACTED] of New Orleans where the vessels will operate to get his recommendation. He did not agree that the vessels are automatically exempted from the rescue boat requirements. He stated final determination of the vessel and crew's ability to recover a person in the water will be completed once vessel is delivered observed by a local marine inspector.

Inspection continues.

//SI//

[REDACTED] LTJG, USCG
MSU Morgan City

12OCT2017: Received request from [REDACTED] of Metal Shark Shipyard for special consideration on the new construction projects RTA 01 & 02 regarding the Ferry Bilge Pump System. Recommended to shipyard that they forward request to MSC for approval.

Inspection continues.

//SI//

[REDACTED] LTJG, USCG
MSU Morgan City

28NOV2017: Attended Metal Shark Shipyard in Franklin, LA to commence construction oversight and initial meeting regarding New Orleans RTA ferry 01, #CG1470100. Inspection led by LTJG [REDACTED] supported by LTJG [REDACTED] Met shipyard representatives and welding QC [REDACTED] to discuss plan going forward for both new construction projects RTA 01, #CG1470100 & RTA 02, #CG1470103. Vessel intends to complete COI in New Orleans. Discussed CG expectations throughout process and welding expectations. Received vessel drawings and NDT plan that shipyard and inspector agreed upon. Vessel is currently upside-down, tack welded in place, main deck, down. *Added New Orleans Port as Owner/Operator to be able to generate activity. Must be changed once Owner/Operator have been established.

CWO [REDACTED] will take over as lead on the project with LTJG [REDACTED] as the secondary.

Inspection continues.

//SI//

[REDACTED] LTJG, USCG
MSU Morgan City

30NOV2017: Attended Metal Shark Shipyard in Franklin, LA to dry search welding at the bow wet deck. Inspection led by LTJG [REDACTED] supported by Mr. [REDACTED] Found 02 discrepancies; repaired on the spot.

07DEC2017: Attended Metal Shark Shipyard in Franklin, LA to dry search welding between collision bulkhead to bow on RTA 01. Found a few weld defects; repaired on the spot. 02 pinholes will repair before plating.

22JAN2018: Attended Metal Shark Shipyard in Franklin, LA. Conducted air box testing on knuckle weld on both port/stbd pontoons, inboard and outboard. Found 05 pinholes port side outboard. Port side inboard 02 deficiencies cleared. STBD outboard deficiencies cleared, STBD inboard 01 deficiency still needs to be cleared. Discussed with [REDACTED] regarding the bilge/fire suction holes drilled in the wrong locations on both pontoons. Explained CG requirements for cutouts and [REDACTED] agreed and will conduct proper cutouts for both holes.

Inspection continues.

//SI//

[REDACTED] LTJG, USCG
MSU Morgan City

24JAN2018: Attended Metal Shark Shipyard in Franklin, LA. Conducted air test at 2.2 PSI on collision bulkead, port and starboard. No

discrepancies found. Conducted vacuum box testing on bow deck. No discrepancies found. Walked through interior superstructure to observe welding process. Agreed with markups from the QC already labeled and noted 01 additional discrepancy. Welding is not complete so a final walkthrough is needed upon completion. Observed the cut out and fit up on the bilge/fire suction discrepancy from 22JAN18. Cut out was conducted improperly. Radius edges needed to be cut straight into the weld with relief cuts. Notified QC who is addressing the issue to repair properly.

Inspection continues.

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██████ LTJG, USCG
MSU Morgan City

30JAN2018: Attended Metal Shark Shipyard in Franklin, LA. Conducted visual inspection of the hull repair on both hulls due to improperly located hull penetration. The hull plating was cropped out and an insert was installed, witnessed plate fit up and back gouge. Informed the QA representative that the welds will require radiography to determine full penetration at the keel bar and the upper weld seam. Walked the interior main deck of the vessel viewing weld patterns noting discrepancies. A final walk thru will need to be conducted to complete the inspection.

Inspection continues.

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██████ CWO, USCG
MSU Morgan City

02FEB2018: Attended Metal Shark Shipyard in Franklin, LA. Conducted phase contrast imaging on inserts located on both hulls from improper location. Both hulls had incomplete penetration at the keel bar seam. Areas along the weld moving out towards the chine were identified with slag intrusion. The areas were marked and will be repaired and prepared for a follow on inspection.

Inspection continues.

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██████ CWO, USCG
MSU Morgan City

08FEB2018: Attended Metal Shark Shipyard in Franklin, LA. Conducted second round of phase contrast imaging on inserts located on both hulls from improper location due to previous discrepancies. Inspection results were satisfactory with the initial call outs corrected and no further discrepancies noted.

Inspection continues.

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██████ CWO, USCG
MSU Morgan City

26FEB2018: Attended Metal Shark Shipyard in Franklin, LA. Conducted dry search on the over heads in the pilot house, and internal structure. Founded a few issues that will be corrected. They conducted vacuum boxes on the back deck of the vessel on selected seems and found no issues. Inspection results were satisfactory with the initial call outs corrected and no further discrepancies noted.

Inspection continues.

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██████ CIV, USCG
MSU Morgan City

28FEB2018: Attended vessel RTA-1,CG1470100, at the Metal Shark Facility in Franklin, LA to conduct new construction oversight. Inspection lead by LTJG ██████ The scope of today's inspection is to conduct air testing of the welds around the vessel hatches.

Conducted testing of the vessel hatches, tested a total of 10 hatches. All tested satisfactory without leak located. Unable to test hatches for the forward engine room because they were not installed at this time.

Inspection continues.

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██████ LTJG, USCG
MSU Morgan City

08MAR2018: Attended vessel RTA-1,CG1470100, at the Metal Shark Facility in Franklin, LA to conduct new construction oversight. Inspection lead by CIV ██████ The scope of today's inspection is to conduct hose test on upper deck, air testing of the welds around the vessel hatches mid ships and examine draft marks.

The test on the port and stbd hatches were satisfactory. The hose test for the upper deck which was to test that there was no leaks coming thru the vessel showed that there was no leaks at all. Lastly, I saw the draft marks and saw no issue with the placements of them.

Inspection continues.

//S//

██████ CIV, USCG
MSU Morgan City

26MAR2018: Attended vessel RTA-1,CG1470100, at the Metal Shark Facility in Franklin, LA to conduct new construction oversight. Inspection lead by CIV ██████ The scope of today's inspection is to examine the added structure points on the main structure. All look good. They will need to update there plans to show the new members.

Inspection continues.

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■ ■ ■ CIV, USCG
MSU Morgan City

13APR2018: Witnessed hydro test of 02 fuel tanks on the RTA 01 at Metal Shark in Franklin, LA. Inspection led by ENS ■ ■ ■ Ensured that the stand pipe measured 11.5 feet vertical over the tanks and that the volume of water remained at same level. Inspected the outside of the fuel tanks; paying close attention to flanges, weld seams and other areas more likely to leak. Fuel tank was inspected in accordance with applicable regulations and was to the satisfaction of the attending marine inspector.

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■ ■ ■ ENS, USCG
MSU Morgan City

17APR2018: Attended vessel RTA-1,CG1470100, at the Metal Shark Facility in Franklin, LA to conduct new construction oversight. Inspection lead by CWO ■ ■ ■ Reviewed stairway design leading up to the pilothouse with engineer and QA team. The original stairway design was found to have steps that were not deep enough to safely transit. I met with ■ ■ ■ an engineer at Metal Shark and I was presented digital drawings and a plan to meet 46 CFR 72.05-20. This vessel is not required to meet this regulation but in the interest to maintain safety this is what was proposed. After reviewing the drawings and at the conclusion of the meeting it was decided using 72.05-20 would eliminate potential hazards involved with the original design.

Inspection continues.

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■ ■ ■ CWO, USCG
MSU Morgan City

23APRIL2018: ENS ■ ■ ■ and CWO ■ ■ ■ attended RTA 01 at Metal Shark in Franklin, LA for new construction oversight. Met with vsl rep.

Witnessed hydrostatic test of diesel fuel piping. Ensured that pressure was 1.5 the operating pressure. Pressure set at 150 psi and held for 24 hours. No leaks found. Test satisfactory.

Witnessed hydrostatic test on the diesel fuel tank. Riser height was 12ft. No leaks found. Test satisfactory.

Witnessed hydrostatic test of fire system piping. Operating pressure 90psi. Pressure set to 140 psi and held for 24 hours. Test satisfactory.

Inspection continues.

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■ ■ ■ ENS, USCG
MSU Morgan City

26APR2018: Reviewed fuel tank design calculations submitted from vessel designer and forwarded to MSC for final review. OCMI has determined that the information provided is adequate at this time to continue with construction. The tank baffles are not designed IAW 46 182.440 but design calculations prove the structural adequacy.

Inspection continues.

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■ ■ ■ CWO, USCG
MSU Morgan City

09MAY2018: CWO ■ ■ ■ LTJG ■ ■ ■ LT ■ ■ ■ attended RTA 01 at Metal Shark in Franklin, LA for new construction oversight.

Witnessed deadweight survey of vessel conducted pier side in Franklin, LA. The survey was completed using the procedures noted in MSC approval letter Serial: H1-1800498 dated February 20, 2018 and unit generated stability test check off sheet. After the completion of the survey the calculations were completed by the professional engineer and found to be satisfactory. Metal Shark will be submitting the calculations to BMT the designer and MSC for final review.

Inspection continues.

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■ ■ ■ CWO, USCG
MSU Morgan City

21MAY2018: CIV ■ ■ ■ attended RTA 01 at Metal Shark in Franklin, LA for new construction oversight. Met with vsl rep.

Witnessed hydrostatic test on the port and STBD diesel fuel tanks. Riser height was 12ft. No leaks were found. Test satisfactory.

Inspection continues.

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■ ■ ■ CIV, USCG
MSU Morgan City

22May2018: MI verified the manual shut-off for Port and Stbd fuel tank operated properly

Inspection continues.

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■ ■ ■ CIV, USCG
MSU Morgan City

12JUNE2018: CWO ■ ■ ■ attended RTA 01 at Metal Shark in Franklin, LA for new construction oversight.

Witnessed the following systems operation test: Bilge pumps, Bilge Alarms, Fire Alarms, Smoke Detectors, Fire Dampeners, Fire Pump local and remote starts, Bilge Pump local and remote starts, VHF radio checks, Nav-Lights, Ships Horn, Radar, PA systems, Loud Hailer, and QFA's.

Inspection continues.

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██████ CWO, USCG
MSU Morgan City

15JUNE2018: CWO ██████ attended RTA 01 at Metal Shark in Franklin, LA for new construction oversight.

Witnessed the testing of water tight penetrations in all compartments using STI fire/water stop. Test was conducted using 30 psi air and soap and water. All test sat. Tested the installation and operation of the bilge pump in the port lazzerette. The discharge hose was not installed at the time the other pumps were tested.

Conducted sea trials of vessel, all control stations and bow thrusters were tested for functionality. Vessel was then brought up to full speed and ran for one hour with crash stops conducted at the end. All test were SAT.

Issued vessel a temporary COI with CG-835 requiring new to zone inspection once it arrives in New Orleans.

Inspection complete.

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██████ CWO, USCG
MSU Morgan City

Inspection Details

Inspection Type:	Date:	Unit:
Administrative Inspection	28NOV2017	Marine Safety Unit Morgan City
Inspection Type:	Date:	Unit:
Construction Oversight	28NOV2017	Marine Safety Unit Morgan City
Inspection Type:	Date:	Unit:
Administrative Inspection	19SEP2017	Marine Safety Unit Morgan City
Inspection Type:	Date:	Unit:
Administrative Inspection	12OCT2017	Marine Safety Unit Morgan City
Inspection Type:	Date:	Unit:
Administrative Inspection	07DEC2017	Marine Safety Unit Morgan City
Inspection Type:	Date:	Unit:
Construction Oversight	07DEC2017	Marine Safety Unit Morgan City
Inspection Type:	Date:	Unit:
Construction Oversight	28FEB2018	Marine Safety Unit Morgan City
Inspection Type:	Date:	Unit:
Deadweight Survey	09MAY2018	Marine Safety Unit Morgan City

Streamlined Inspection Program (SIP) Summary:

Vessel Name: RTA 1

Company Name:

PHASE I

Inspector Comments:

PHASE II

Inspector Comments:

PHASE III

Inspector Comments:

PHASE IV

Inspector Comments:

Location(s):

Latitude:	Longitude:	Recorded Date/Time:	Description:
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000°00.0 E

19SEP2017 20:59Z

Metal Shark Aluminum Boats
Franklin, LA

Associated Parties: (None)

Operational Controls: (None)

Log:

Effective Date:	Description/New Value:	Logged By Unit:	Logged By:
16APR2018	Involved Personnel Point Of Contact: No	Marine Safety Unit Morgan City	
02JAN2018	Involved Personnel Point Of Contact: No	Marine Safety Unit Morgan City	
28FEB2018	Involved Personnel Point Of Contact: No	Marine Safety Unit Morgan City	
02JAN2018	Involved Personnel Point Of Contact: No	Marine Safety Unit Morgan City	
02JAN2018	Involved Personnel Point Of Contact: No	Marine Safety Unit Morgan City	
02JAN2018	Involved Personnel Point Of Contact: No	Marine Safety Unit Morgan City	
11JUL2018	Involved Personnel Point Of Contact: No	Marine Safety Unit Morgan City	
11JUL2018	Involved Personnel Point Of Contact: No	Marine Safety Unit Morgan City	
11JUL2018	Involved Personnel Point Of Contact: No	Marine Safety Unit Morgan City	
02JAN2018	Owning Unit: Marine Safety Unit Morgan City	Marine Safety Unit Morgan City	
02JAN2018	Start Date: 11/28/2017 8:59:39 PM	Marine Safety Unit Morgan City	
03JAN2018	Start Date: 9/19/2017 8:59:39 PM	Marine Safety Unit Morgan City	
02JAN2018	Status/Subtype: Open/In Progress	Marine Safety Unit Morgan City	
11JUL2018	Status/Subtype: Open/Submitted for Review	Marine Safety Unit Morgan City	
02JAN2018	Title: New Construction	Marine Safety Unit Morgan City	
02JAN2018	Vessel: NEW CONSTRUCTION	Marine Safety Unit Morgan City	

Documents: (None)

Certificates:

Name:	Type:	Description:	
Draft/Awaiting Review Certificate Of Inspection	Certificate of Inspection		
Owning Unit:	Status:	Issued Date:	Expired Date:
Marine Safety Unit Morgan City	Draft/Awaiting Review	15JUN2018	15JUN2019



Activity Summary Report

MISLE Activity ID: 6410791
Activity Type: Vessel Inspection
Title/Description: RTA 2 New Construction Oversight
Status: Open - In Progress
Point Of Contact: [REDACTED]
Owning Unit: Marine Safety Unit Morgan City
Originating Unit: Marine Safety Unit Morgan City
Start Date/Time: 19SEP2017 13:28Z
Prompt Date:
Team Lead: [REDACTED]

Vessel Information:

Vessel Name:	Call Sign:	Flag:
RTA 2	WDK4914	UNITED STATES
Classification:	Primary VIN:	Length:
Passenger Ship - General - General (More Than 6, Gross Tonnage < 100)	1290301	104.7
ITC/Convention (Subpart B):	Regulatory (Subpart C or D):	Year Completed:
166	95	2018
Engine Compartment In An Open Space:	Fuel Compartment In An Open Space:	Vessel Constructed Of All Open Spaces:
No	No	No
Propulsion System Type:		
Diesel		

Vessel Associated Parties:

Name:	Type:	Role:
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT	Organization	Managing Owner
Address:		
ATTN: [REDACTED] DOTD HQ ANNEX BLDG 2ND FL ROOM N-223 1212 EAST HIGHWAY DR BATON ROUGE, LOUISIANA 70802		
Name:	Type:	Role:
TRANSDEV	Organization	Operator (managing)
Address:		
7320 Patterson Dr. NEW ORLEANS, LOUISIANA 70131		

Inspection Results:

System:	Inspection Results:	Date:
99 - Other	Inspected With Deficiencies Noted	19SEP2017

Deficiencies:

Item Number:	Due Date:	Extended Due Date:	<input type="checkbox"/> Not Available For Inspection
1	01NOV2018		<input type="checkbox"/> Security Violation
Issued Date:	Resolved Date:		<input type="checkbox"/> Worklist Item/Do Not Show In PSIX
19SEP2017			<input type="checkbox"/> SMS Related/Objective Evidence For MSO
System:	Subsystem:	Component:	<input type="checkbox"/> Self Reported
99 - Other	N/A - No Subsystem	99101 - Other (Safety in general)	<input type="checkbox"/> Reported Via PR17
Action:	Action Code:	ACS/RO/TPO Finding Number:	<input type="checkbox"/> Refer To ACS/RO/TPO
50 - Rectify deficiencies w/in 30 days	c - To the satisfaction of the Coast Guard		<input type="checkbox"/> ACS/RO/TPO Associated
			<input type="checkbox"/> Accepted As Condition Of ACS/TPO

Description:
Vessel is required new to zone inspection once arriving in Sector New Orleans.

Resolution:

Narrative:

19SEP2017: Received request from [REDACTED] of Metal Shark Shipyard for special consideration on the new construction projects RTA 01 & 02 to be exempt from the requirement of having to carry a rescue boat IAW 46 CFR 180.210, paragraphs (a) 1-3. Contacted LCDR [REDACTED] of New Orleans where the vessels will operate to get his recommendation. He did not agree that the vessels are automatically exempted from the rescue boat requirements. He stated final determination of the vessel and crew's ability to recover a person in the water will be completed once vessel is delivered observed by a local marine inspector.

Inspection continues.

//S//

[REDACTED] LTJG, USCG
MSU Morgan City

12OCT2017: Received request from [REDACTED] of Metal Shark Shipyard for special consideration on the new construction projects RTA 01 & 02 regarding the Ferry Bilge Pump System. Recommended to shipyard that they forward request to MSC for approval.

Inspection continues.

//S//

[REDACTED] LTJG, USCG
MSU Morgan City

28NOV2017: Attended Metal Shark Shipyard in Franklin, LA to commence construction oversight and initial meeting regarding New Orleans RTA ferry 01, #CG1470100. Inspection led by LTJG [REDACTED] supported by LTJG [REDACTED] Met shipyard representatives and welding QC [REDACTED] Friday to discuss plan going forward for both new construction projects RTA 01, #CG1470100 & RTA 02, #CG1470103. Vessel intends to complete COI in New Orleans. Discussed CG expectations throughout process and welding expectations. Received vessel drawings and NDT plan that shipyard and inspector agreed upon. Vessel is currently upside-down, tack welded in place, main deck, down.

Added New Orleans Port as Owner/Operator to be able to generate activity. Must be changed once Owner/Operator have been established.

Inspection continues.

//S//

[REDACTED] LTJG, USCG
MSU Morgan City

11 April 2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA for dry search. Inspection led by LTJG [REDACTED] Met with yard rep [REDACTED] prior to inspection.

Conducted dry search of the P/S keel area between frames 21 and 23. Inspected all welding for condition and against approved plans. Inspection satisfactory.

Inspection continues.

//S//

[REDACTED] LTJG, USCG
MSU Morgan City

09 May 2018: Attended the N/C small passenger vessel (T) RTA 1, CG No. CG1470100, at Metal Shark, Franklin, LA for deadweight survey. Inspection led by CWO [REDACTED] and supported by LT [REDACTED] (Sector NOLA) and LTJG [REDACTED] Met with yard reps [REDACTED] and [REDACTED] (P.E.) prior to inspection.

RTA 1 is a sister vessel to RTA 2 and the approved vessel RTA 2 is being constructed to. The results of the RTA 1 deadweight survey will be used for the RTA 2.

Upon arriving to the yard, held a meeting between CG and the yard reps mentioned above to discuss various issues. The most crucial topic of discussion was the approval for the individual electronic submersible bilge pumps. Subchapter T requires two power driven bilge pumps on vessels over 65' in length, but the vessel requested use of the High Speed Craft code as an alternate to meeting Subchapter T. Due to the increased subdivision of the vessel from the requirements of Subchapter T, MSC approved the use of the bilge pumps.

Witnessed yard rep [REDACTED] a professional engineer for Metal Shark, conduct the deadweight survey on the RTA 1. Five freeboard measurements were taken on both sides of the vessel. The handwritten notes were taken by yard rep [REDACTED] and plugged into Autocad for initial calculations to ensure all measurements taken were acceptable. Before leaving the yard, witnessed the initial calculations. The freeboard line calculated was within acceptable tolerance.

Inspection continues.

//S//

[REDACTED] LTJG, USCG
MSU Morgan City

09 May 2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA for dry search. Inspection led by LTJG [REDACTED] and supported by CWO [REDACTED] Met with yard rep [REDACTED] prior to inspection.

Conducted dry search of the P/S bow modules and underside of the bow wet deck. Inspected all welding for condition and against approved plans. Found 04 pinholes in the starboard bow module. Pinholes were marked for correction and were repaired same day. Pictures were submitted of the repairs to the satisfaction of the marine inspector. Inspection satisfactory.

Vessel will continue on with plating and will notify the marine inspector for next inspection.

Inspection continues.

//S//

[REDACTED] LTJG, USCG
MSU Morgan City

21JUN2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA for NDT. Inspection led by CIV [REDACTED] Met with yard rep [REDACTED] and Precision Tech [REDACTED] prior to inspection.

Prior to going on RTA 02, conducted test on cut out on the stbd out board hull. The NDT Tech provided that he was a level 2 cert tech. He also calibrated the Phase Array equipment by using calibrated block that was valid. Test showed that the system calibrated. Went to RTA 02 where he conducted the test on the complete weld of the cut. Found no issues after examine the whole weld with no issues.

Inspection continues.

//S//

[REDACTED] CIV, USCG
MSU Morgan City

28JUN2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA for dry search and air test. Inspection led by CIV [REDACTED] Met with yard rep [REDACTED] prior to inspection.

Drysearched Portside and Starboard engine rooms to verify that welds were good. No issue was found with the welds. After the dry search, witnessed the air test on portside and starboard side collision bulk heads. Only issue that was found was a pin hole on the outboard side near the anod hole. It was corrected on the spot and retested at 2 pounds. No issue was found.

Inspection continues.

//S//

[REDACTED] CIV, USCG
MSU Morgan City

02 July 2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA for a walk around. Inspection led by LTJG [REDACTED] Met with yard rep [REDACTED] prior to inspection.

Received an email from [REDACTED] on 30 June 2018 stating that the port/starboard shaft logs are about 1" too low on the forward end and that they may have to be removed and replaced, constituting major hull repair. Walked around the vessel, paying particularly close attention to the shaft logs.

The shaft logs are currently being re-evaluated via lasers (from forward and aft) to determine their straightness and position relative to their designed location. Pending the results of this re-evaluation, the shaft logs may need to be replaced entirely. This will entail cutting inserts into the hull out to existing welds transversely and extending out as necessary longitudinally. The results should be available later today, and a plan of action will be determined immediately following.

Inspection continues.

//S//

[REDACTED] LTJG, USCG
MSU Morgan City

05 July 2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA for dry search. Inspection led by LTJG [REDACTED] and supported by CIV [REDACTED]. Met with yard rep [REDACTED] prior to inspection.

Received an email from [REDACTED] on 03 July 2018 reporting the results of the laser measurements of the shaft logs. It was discovered that the shaft logs were straight, but do sit too low. The yard has proposed that, in lieu of inserting the hull, the engine foot pads inside the engine room will be lowered to compensate for the lower shaft logs. Drawings will be submitted for local review.

Conducted dry search of the following spaces. Any items noted for correction are identified below the space name.

- 1) Port Side Lazarette
 - i) Minor weld repair around rudder post weld - corrected on the spot
- 2) Stbd Side Lazarette
- 3) Port Side Tank Void
- 4) Stbd Side Tank Void
 - i) One pinhole in the weld, aft corner, inboard, near upper deck - corrected on the spot
 - ii) Crack found in the deck at the stanchion forward of the manhole
- 5) Port Side Bow Thruster Compartment
- 6) Stbd Side Bow Thruster Compartment
- 7) Port Side Forepeak
- 8) Stbd Side Forepeak

The crack found in the deck will be repaired over the weekend and ready for inspection Monday.

Inspection continues.

//S//

[REDACTED] LTJG, USCG
MSU Morgan City

10 July 2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA for phase array, dry search, vacuum box, and water hose testing. Inspection led by LTJG [REDACTED] and supported by CWO [REDACTED]. Met with yard rep [REDACTED] prior to inspection.

Upon arriving to vessel, conducted phase array testing on four randomly selected spots over 36":

- 1) Port side, keel, forward of stern tube.
- 2) Port side, bow, outboard side seam.
- 3) Starboard side, outboard side seam.
- 4) Starboard side, keel, aft of collision bulkhead.

All four shots failed and required tracers to determine extent of bad weld. After unsatisfactory testing, randomly selected four more spots for testing over 36":

- 1) Port side, keel, amidships.
- 2) Port side, outboard side seam, amidships.
- 3) Starboard side, keel, amidships.
- 4) Starboard side, outboard side seam, amidships.

The second set of phase array shots were satisfactory. Vessel will grind out all bad welding, repair, and prepare for follow-up phase array testing, to be conducted in the presence of a marine inspector.

Conducted dry search of the following spaces, all satisfactory:

- 1) Super-structure
- 2) Pilot house
- 3) Upper deck area
- 4) Bow deck
- 5) Aft deck
- 6) Handrails/bollards

Conducted vacuum box testing of the following spaces, all satisfactory:

- 1) Hull seams (randomly selected spots, both port/starboard and inboard/outboard)
- 2) Bow deck seams (six randomly selected spots)
- 3) Aft deck seams (six randomly selected spots)

Conducted water hose test of the pilot house roof and upper deck. Sprayed all seams on the pilot house roof for approx 10 minutes; no leaks observed. Sprayed all seams on the upper deck for approx 15 minutes; no leaks observed. Inspection satisfactory.

Inspection continues.

//S//

[REDACTED] LTJG, USCG
MSU Morgan City

10JUL2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA for phase array testing and air testing of hatches. Inspection led by CWO [REDACTED] Met with yard rep [REDACTED] prior to inspection.

STBD side phase array testing passed at the shaft log and midship below the water line.
Port side phase array testing fwd of the bow thruster and at the shaft log failed.
Tested welds on all watertight scuttles with air and soapy water. The port engine room fwd scuttle failed and was corrected on the spot.
ALL SAT

Inspection continues.

//S//

[REDACTED] CWO, USCG
MSU Morgan City

11JUL2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA for phase array testing. Inspection led by CIV [REDACTED] Met with yard rep [REDACTED] prior to inspection.

On the Portside of the vessel:

-FWD of the bow thruster outboard side of the keel. Examine 18inch of weld and no issues were found.
-FWD of where the shaft would be inserted 3ft of weld was examined and no issues were found.

Inspection continues.

//S//

[REDACTED] CIV, USCG
MSU Morgan City

02AUG2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA for Vacuum box testing. Inspection led by CIV [REDACTED] Met with yard rep [REDACTED] prior to inspection.

Vacuum Box multiple areas on the main deck where the passengers would sit. No issues were during the test.

Inspection continues.

//S//

[REDACTED] CIV, USCG
MSU Morgan City

08AUG2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA. Inspection led by CWO [REDACTED] Met with yard rep [REDACTED] prior to inspection.

Hydro tested the fire main piping at 150psi. All SAT
Tested the port and STBD fuel hydraulically operated cut off valves. ALL SAT
Both fuel tanks were hydrostatically tested by Mr. [REDACTED] on 07AUG18. ALL SAT

Inspection continues.

//S//

[REDACTED] CWO, USCG
MSU Morgan City

16AUG2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA. Inspection led by CIV [REDACTED] Met with yard rep [REDACTED] [REDACTED]

Inspected the wiring behind the wall panel on the main deck and insulation behind the wall panels. No issue was found.

Inspection continues.

//S//

[REDACTED] CIV, USCG
MSU Morgan City

16AUG2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA. Inspection led by CIV [REDACTED] Met with yard rep [REDACTED] [REDACTED]

Verified there was no leaks on fuel. No issue was found.

Inspection continues.

//S//

S. [REDACTED] CIV, USCG
MSU Morgan City

30AUG2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA. Inspection led by CWO [REDACTED] Met with yard rep [REDACTED] [REDACTED] prior to inspection.

Inspected pilothouse wiring installation in overhead and bulkheads prior to panel installations. Identified 12/24V wires not being used in the LED lights with dead ends. Shipyard is going to look at removing the wires from the transformer or ensure they are sealed.

Inspection continues.

//S//

[REDACTED] CWO, USCG

MSU Morgan City

13 September 2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA for navigation lights and watertight penetrations inspections. Inspection led by LTJG [REDACTED] and supported by LTJG [REDACTED] ENS [REDACTED] and CWO [REDACTED]. Met with yard reps [REDACTED] and [REDACTED] prior to inspection.

Inspected the navigation lights, to include running lights, mast lights, and stern light. Inspection satisfactory.

Visually inspected all watertight bulkhead and deck penetrations. This was the first stage of inspection, and the penetrations were packed with stuffing material being properly sealed. Inspection satisfactory. Penetrations will be sealed later today and be made available tomorrow for inspection.

While at Metal Shark, it was explained that one of the generator switchboards was N/F, due to failure of the part. A new part was ordered under warranty and was due to arrive in the afternoon. It was explained that the part would be installed tonight, and tomorrow, more systems may be ready for inspection.

Inspection continues.

//S//

[REDACTED] LTJG, USCG
MSU Morgan City

14 September 2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA for fire detection system and watertight penetrations inspections. Inspection led by LTJG [REDACTED] and supported ENS [REDACTED] and CWO [REDACTED]. Met with yard reps [REDACTED] and [REDACTED] prior to inspection.

Verified operation of the fire detection system. Set off every smoke and heat detector throughout the vessel and verified the fire control panel in the pilothouse recognized and displayed the corresponding detector. Pulled every fire pull station throughout the vessel and verified the fire control panel in the pilothouse recognized and displayed the corresponding pull alarm. Inspection satisfactory.

Visually inspected all watertight bulkhead and deck penetrations. This was the second stage of inspection, and the penetrations were sealed on one side with fire stop. Several penetrations were identified as not being completely sealed, and the vessel was instructed to both correct these deficiencies and to pay closer attention when sealing wire clusters. Penetrations will be sealed on the other side later today and be made available next week for air test inspection.

Inspection continues.

//S//

[REDACTED] LTJG, USCG
MSU Morgan City

18SEP2018: Attended the N/C small passenger vessel (T) RTA 2, CG No. CG1470103, at Metal Shark, Franklin, LA for testing. Inspection led by CWO [REDACTED]. Met with yard rep [REDACTED] prior to inspection.

Tested all installed submersible bilge pumps with buckets of water in remote and local modes.

Tested emergency bilge suction in port and STBD hulls.

Tested port and STBD fire pumps and both pumps achieved 65PSI at the discharge side of pump with the nozzle open.

Tested emergency lighting in the main cabin and the engine room and steering compartments.

Tested all bilge high water alarms and the notification panel in the pilothouse.

Tested installed fire suppression system in both engine compartments and witnessed the ventilation shutdowns and alarms.

Tested all watertight penetrations with 30PSI of air and soapy water on the opposite side.

All tests were sat.

Inspection continues.

//S//

[REDACTED] CWO, USCG
MSU Morgan City

25SEP2018: CWO [REDACTED] attended RTA 02 at Metal Shark in Franklin, LA for new construction oversight.

Conducted sea trial of vessel, all control stations and bow thrusters were tested for functionality. Vessel was then brought up to full speed and ran for one hour with crash stops conducted at the end.

Conducted operational test of VHF radio, Nav Lights, Radar, PA System, QFA's, Loud Hailer, Ships Horn, All tests were SAT.

While making round of engine room, noticed installation of hose barbed fittings on the fire pump suction and discharge ports. Informed [REDACTED] of regulation that prohibits the use of these fittings and the approval letter that also addressed the issue. Also while making rounds of the vessel while underway I made shipyard rep aware of the placards missing that are required as per the CFR MARPOL, Discharge of oil etc.

Port and STBD wing station rudder control levers operate opposite of normal commands as per the request of the customer. I informed [REDACTED] of the helm requirements in 46CFR 58.25-35 when using lever controls and a placard is needed to indicate rudder direction.

Shipyard is still gathering information for the equivalence of the installed LED lighting that meets the UL requirements.

Inspection continues.

//S//

██████████ CWO, USCG
MSU Morgan City

25SEP2018: CWO ██████████ recieved a email from ██████████ that was provided by the manufacuter of the LED lighting installed in the accomodation spaces. The email provided information that the LED lights and the driver are sold as one unit of issue and the part nummber RLDL-15-39WH-HV is for a complete fixture. All information provided was from ██████████ at Mast Products & E-LED Lighting INC ██████████

Inspection continues.

//S//

██████████ CWO, USCG
MSU Morgan City

04OCT2018: CWO ██████████ attended RTA 02 at Metal Shark in Franklin, LA for man overboard drill using the scramble net.

Drill was executed at full speed and oscar was recovered in 4:45 utilizing a Master and two deckhands with the assisatnce of a boat hook.

Inspection continues.

//S//

██████████ CWO, USCG
MSU Morgan City

05OCT2018: LTJG ██████████ attended RTA 02 at Metal Shark in Franklin, LA to hand deliver temp COI and CG-835V for new to zone inspection.

Inspection continues.

//S//

██████████ CWO, USCG
MSU Morgan City

Inspection Details

Inspection Type:	Date:	Unit:
Administrative Inspection	19SEP2017	Marine Safety Unit Morgan City
Inspection Type:	Date:	Unit:
Construction Oversight	19SEP2017	Marine Safety Unit Morgan City
Inspection Type:	Date:	Unit:
Construction Oversight	02JUL2018	Marine Safety Unit Morgan City
Inspection Type:	Date:	Unit:
Construction Oversight	05JUL2018	Marine Safety Unit Morgan City
Inspection Type:	Date:	Unit:
Construction Oversight	09JUL2018	Marine Safety Unit Morgan City
Inspection Type:	Date:	Unit:
Construction Oversight	13SEP2018	Marine Safety Unit Morgan City
Inspection Type:	Date:	Unit:
Construction Oversight	14SEP2018	Marine Safety Unit Morgan City

Streamlined Inspection Program (SIP) Summary:

Vessel Name: RTA 2

Company Name:

PHASE I

Inspector Comments:

PHASE II

Inspector Comments:

PHASE III

Inspector Comments:

PHASE IV

Inspector Comments:

Location(s): (None)

Associated Parties: (None)

Radiation Details:

Radiation: No Radiation Detected

Operational Controls: (None)

Log:

Effective Date:	Description/New Value:	Logged By Unit:	Logged By:
10MAY2018	Involved Personnel Point Of Contact: No	Marine Safety Unit Morgan City	██████████
10MAY2018	Involved Personnel Point Of Contact: No	Marine Safety Unit Morgan City	██████████
10MAY2018	Involved Personnel Point Of Contact: No	Marine Safety Unit Morgan City	██████████
10MAY2018	Involved Personnel Point Of Contact: No	Marine Safety Unit Morgan City	██████████
10MAY2018	Owning Unit: Marine Safety Unit Morgan City	Marine Safety Unit Morgan City	██████████
10MAY2018	Point Of Contact: ██████████	Marine Safety Unit Morgan City	██████████
10MAY2018	Start Date: 9/19/2017 1:28:08 PM	Marine Safety Unit Morgan City	██████████
10MAY2018	Status/Subtype: Open/In Progress	Marine Safety Unit Morgan City	██████████
10MAY2018	Title: New Construction	Marine Safety Unit Morgan City	██████████
29AUG2018	Title: RTA 2	Marine Safety Unit Morgan City	██████████
14SEP2018	Title: RTA 2 New Construction Oversight	Marine Safety Unit Morgan City	██████████
10MAY2018	Vessel: NEW CONSTRUCTION	Marine Safety Unit Morgan City	██████████

Documents: (None)

Certificates:

Name:	Type:	Description:	
Draft/Awaiting Review Certificate Of Inspection	Certificate of Inspection		
Owning Unit:	Status:	Issued Date:	Expired Date:
Marine Safety Unit Morgan City	Draft/Awaiting Review	01OCT2018	01OCT2019